

Title (en)
Electronic transponder tuning procedure

Title (de)
Verfahren zum Abstimmen von elektronischen Antwortgeräten

Title (fr)
Procédé de syntonisation pour transpondeur électronique

Publication
EP 0615136 B1 19990317 (EN)

Application
EP 93120230 A 19931215

Priority
US 99104492 A 19921215

Abstract (en)
[origin: EP0615136A2] A method is disclosed herein for tuning a responder unit (12). The method comprises the steps of storing energy in a responder unit energy accumulator (136) in a contactless fashion by RF energy transmitted from the interrogator unit (10) to the responder unit (12), and exciting within the responder unit (12) an RF carrier wave. The method further comprises the steps of transmitting the RF carrier wave in a first response from the responder unit (12) to the interrogator unit (10) and measuring within the interrogator unit (10) the received signal strength of the RF carrier wave of the first response. In further accordance with the invention tuning data may be transmitted to the responder unit (12) by sending at least one RF programming sequence from the interrogator unit (10) to the responder unit (12). The responder unit (12) upon receiving the RF programming sequence from the interrogator unit (10) would preferably modify an internally stored frequency setting within a memory (244) of the responder unit (12) in response to the first set of data. Other devices, systems and methods are also disclosed. <IMAGE>

IPC 1-7
G01S 13/02; **G01S 13/82**; **G01S 7/40**

IPC 8 full level
G01S 7/40 (2006.01); **G01S 13/75** (2006.01); **G01S 13/82** (2006.01); **G06K 19/07** (2006.01)

CPC (source: EP US)
G01S 7/4008 (2013.01 - EP US); **G01S 13/753** (2013.01 - EP US); **G01S 13/758** (2013.01 - EP US); **G01S 13/825** (2013.01 - EP US); **G06K 19/0701** (2013.01 - EP US); **G06K 19/0723** (2013.01 - EP US); **G06K 19/0726** (2013.01 - EP US); **G06K 19/0777** (2013.01 - EP US)

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Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0615136 A2 19940914; **EP 0615136 A3 19950503**; **EP 0615136 B1 19990317**; DE 69323995 D1 19990422; DE 69323995 T2 19990930; US 5396251 A 19950307; US 5491484 A 19960213

DOCDB simple family (application)
EP 93120230 A 19931215; DE 69323995 T 19931215; US 36236894 A 19941222; US 99104492 A 19921215